

Amendments to the Abstract:

A replacement sheet for the Abstract is attached hereto as Appendix A. In the replacement sheet, a clean copy of the Abstract, as amended, is provided.

Please amend the Abstract at page 77 of the specification as follows:

The invention relates to tiled, positionally-addressable ordered arrays useful methods and systems (e.g., computer systems and computer program products) for identifying and characterizing genes using microarrays. In particular, the invention provides for positionally-addressable ordered arrays that can be used in improved, robust methods for detecting genes through the use of the arrays microarrays to analyze the expression state of the genome. Using the arrays of the invention, genes Genes which are expressed can be mapped to their respective positions in the genome, and the structure of such genes can be determined.